

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Application Number

09 / 605,958

Filing Date

06 / 28 / 2000

First Named Inventor

Shi V. Liu

Group Art Unit

1653

Examiner Name

Attorney Docket Number

US 57 P.10
10/082906

02/25/02

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

| Examiner Initials* | Cite No.† | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T2 |
|--------------------|-----------|---|----|
| ✓ | 1 | ZEUTHEN, E., Synchrony in Cell Division and Growth, 1964, PP 1-8, Interscience Publishers, New York, USA | |
| ✓ | 2 | HELMSTETTER, C.E., Methods for studying the microbial division cycle, Meth. Microbiol. 1: 327-363, 1969 | |
| ✓ | 3 | KREK, W. and DeCAPRIO, J.A., Cell synchronization, Meth. Enzymol. 254: 114-124, 1995. | |
| ✓ | 4 | HELMSTETTER, C.E. and CUMMINGS, D.J., Bacterial synchronization by selection of cells at division, Proc. Nat. Acad. Sci. USA 50: 767-774, 1963. | |
| ✓ | 5 | HELMSTETTER, C.E., Description of a baby machine for Saccharomyces cerevisiae, New Biologist 3: 1089-1096, 1991. | |
| ✓ | 6 | HELMSTETTER, C.E., et al., Improved bacterial baby-machine: Application to Escherichia coli K-12, J. Bacteriol. 174: 3445-3449, 1992. | |
| ✓ | 7 | DEGNEN, S.T. and Newton, A., Chromosome replication during development in Caenorhabditis crescentus, J. Mol. Biol. 64: 671-680, 1972. | |
| | 8 | EGILMEZ, N.K. et al., Preparation and partial characterization of old yeast cells, J. Gerontology 45: B9-17, 1990. | |
| ✓ | 9 | SMEAL, T. et al., Loss of transcriptional silencing causes sterility in old mother cells of S. cerevisiae, Cell 84: 633-642, 1996. | |
| | 10 | NEIDHARDT, F.C. et al., Physiology of the Bacterial Cell - A Molecular Approach, p 389, Summer Associates, Inc. Sunderland, MA 1990. | |
| | 11 | ALBERTS, B. et al., Molecular Biology of the Cell (2nd Ed.) 1989. P727. Garland Publishing, Inc., New York. [Updated in 3rd Ed in 1994] | |
| | 12 | LIU, S.V., Tracking bacterial growth in liquid media and a new bacterial life model, Science in China (Series C) 42: 644-654, 1999. | |
| | 13 | LIU, S.V., What is bacterial life? Logical Biology 2000: 5-16, 2000. http://www.logibio.com | |

Examiner
Signature

Date

Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

† Unique citation designation number. ‡ Applicant is to place a check mark here if English language Translation is attached.

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FEE TRANSMITTAL
for FY 2002

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$)**Complete if Known**

Application Number

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2002-02-25

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Attorney Docket No.

PTO
10/082906
02/25/02**METHOD OF PAYMENT (check all that apply)**☐ Check ☒ Credit card ☐ Money Order ☐ Other ☐ None☐ Deposit Account:Deposit Account Number
Deposit Account Name

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☐ Credit any overpayments☐ Charge any additional fee(s) during the pendency of this application☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-------------------------------|-------------------------------|------------------------|----------|
| 101 740 | 201 370 | Utility filing fee | 370 |
| 106 330 | 206 165 | Design filing fee | |
| 107 510 | 207 255 | Plant filing fee | |
| 108 740 | 208 370 | Reissue filing fee | |
| 114 160 | 214 80 | Provisional filing fee | |

SUBTOTAL (1) (\$) 370**2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE**

Extra Claims Fee from below Fee Paid

Total Claims Independent Claims -20** = X =

Multiple Dependent Claims -3** = X =

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description |
|-------------------------------|-------------------------------|--|
| 103 18 | 203 9 | Claims in excess of 20 |
| 102 84 | 202 42 | Independent claims in excess of 3 |
| 104 280 | 204 140 | Multiple dependent claim, if not paid |
| 109 84 | 209 42 | ** Reissue independent claims over original patent |
| 110 18 | 210 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$) 0

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity Fee Code (\$) | Small Entity Fee Code (\$) | Fee Description | Fee Paid |
|-------------------------------|-------------------------------|--|----------|
| 105 130 | 205 65 | Surcharge - late filing fee or oath | |
| 127 50 | 227 25 | Surcharge - late provisional filing fee or cover sheet | |
| 139 130 | 139 130 | Non-English specification | |
| 147 2,520 | 147 2,520 | For filing a request for <i>ex parte</i> reexamination | |
| 112 920* | 112 920* | Requesting publication of SIR prior to Examiner action | |
| 113 1,840* | 113 1,840* | Requesting publication of SIR after Examiner action | |
| 115 110 | 215 55 | Extension for reply within first month | |
| 116 400 | 216 200 | Extension for reply within second month | |
| 117 920 | 217 460 | Extension for reply within third month | |
| 118 1,440 | 218 720 | Extension for reply within fourth month | |
| 128 1,960 | 228 980 | Extension for reply within fifth month | |
| 119 320 | 219 160 | Notice of Appeal | |
| 120 320 | 220 160 | Filing a brief in support of an appeal | |
| 121 280 | 221 140 | Request for oral hearing | |
| 138 1,510 | 138 1,510 | Petition to institute a public use proceeding | |
| 140 110 | 240 55 | Petition to revive - unavoidable | |
| 141 1,280 | 241 640 | Petition to revive - unintentional | |
| 142 1,280 | 242 640 | Utility issue fee (or reissue) | |
| 143 460 | 243 230 | Design issue fee | |
| 144 620 | 244 310 | Plant issue fee | |
| 122 130 | 122 130 | Petitions to the Commissioner | |
| 123 50 | 123 50 | Processing fee under 37 CFR 1.17(q) | |
| 126 180 | 126 180 | Submission of Information Disclosure Stmt | |
| 581 40 | 581 40 | Recording each patent assignment per property (times number of properties) | |
| 146 740 | 246 370 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 149 740 | 249 370 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 179 740 | 279 370 | Request for Continued Examination (RCE) | |
| 169 900 | 169 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$) 0**SUBMITTED BY**

Name (Print/Type)

Shi V. Liu

Registration No.
(Attorney/Agent)

Complete (if applicable)

Telephone

845-651-0551

Signature

Shi V. Liu

Date

2002-02-25

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